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WHAT IS CLAIMED IS:

- 1. A method of modifying a substrate surface, said method comprising:
- (a) contacting said substrate surface with particulate-comprising fluid having a pH above the isoelectric point of said substrate; and
- (b) ultrasonically or sonically agitating said particulate-comprising fluid to modify said substrate surface.
- 2. The method of Claim 1, wherein said particulate-comprising fluid is non-acidic.
- 3. The method of Claim 2, wherein said fluid has a basic pH.
- 4. The method of Claim 1, wherein said particulate-comprising fluid comprises particulate ranging in size from about 15 nanometers to about 500 microns.
- 5. The method of Claim 1, wherein said particulate-comprising fluid comprises particulates in a concentration ranging from about 1 % to about 99 % by volume.
- 6. The method of Claim 5, wherein said particulate-comprising fluid comprises particulates in a concentration ranging from about 1 % to about 50 % by volume.
- 7. The method of Claim 1, wherein said particulate-comprising fluid is agitated at a frequency ranging from about 20 kHz to about 200 kHz.
- 8. The method of Claim 1, wherein said particulates and said fluid have substantially the same specific gravity.
- 9. The method of Claim 1, wherein said fluid is chosen from water, toluene, ethanol, acetone, acetyl nitrile, dichloromethane, water with calcium chloride and water with lithium chloride.
- 10. The method of Claim 1, wherein said particulates are chosen from silica, metals, metal oxides, synthetic polymers, natural polymers, ceramics and fossilized silica deposits.

- 11. The method of Claim 10, wherein said particulates are elastic.
- 12. The method of Claim 1, wherein said substrate is laser-scribed glass.
- 13. The method of Claim 12, further comprising producing an array of probes on said modified laser-scribed glass substrate.
- 14. A method of modifying a laser-scribed glass substrate surface, said method comprising:
- (a) contacting said laser-scribed glass substrate surface with a particulatecomprising fluid; and
- (b) ultrasonically or sonically agitating said particulate-comprising fluid to modify said laser-scribed glass substrate surface.
- 15. The method of Claim 14, wherein said particulate-comprising fluid has a pH above the isoelectric point of said laser-scribed glass substrate.
- 16. The method of Claim 14, wherein said particulates are synthetic polymers.
- 17. The method of Claim 14, wherein said particulates and said fluid have substantially the same specific gravity.
- 18. The method of Claim 14, wherein said particulate-comprising fluid is non-acidic.
- 19. A method of modifying a substrate surface, said method comprising:
 - (a) contacting said substrate surface with a synthetic polymer-comprising fluid; and
- (b) ultrasonically or sonically agitating said synthetic polymer -comprising fluid to modify said substrate surface.
- 20. The method of Claim 19, wherein said synthetic polymer-comprising fluid has a pH above the isoelectric point of said laser-scribed glass substrate.
- 21. The method of Claim 19, wherein said substrate is laser-scribed glass.

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- 22. The method of Claim 19, wherein said synthetic polymer and said fluid have substantially the same specific gravity.
- 23. The method of Claim 19, wherein said synthetic polymer-comprising fluid is non-acidic.
- 24. A method of modifying a substrate surface, said method comprising:
- (a) contacting said substrate surface with a basic, particulate-comprising fluid;
 and
- (b) ultrasonically or sonically agitating said basic, particulate-comprising fluid to modify said substrate surface.
- 25. The method of Claim 24, wherein said basic particulate-comprising fluid has a pH above the isoelectric point of said substrate.
- 26. The method of Claim 24, wherein said particulates are synthetic polymers.
- 27. The method of Claim 24, wherein said particulates and said basic fluid have substantially the same specific gravity.
- 28. The method of Claim 24, wherein said substrate is laser-scribed glass.
- 29. A substrate modified according to Claim 1.
- 30. A method for producing a biopolymeric array, said method comprising:
 - (a) modifying at least one surface of a substrate according to Claim 1 to provide a modified substrate; and
 - (b) producing an array of probes on said modified substrate.
- 31. A biopolymeric array produced according to Claim 30.
- 32. A method for producing a biopolymeric array on a laser-scribed glass substrate, said method comprising:

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(a) modifying at least one surface of a laser-scribed glass substrate according to Claim 1 to provide a modified laser-scribed glass substrate; and

- (b) producing an array of probes on said modified laser-scribed glass substrate.
- 33. A method comprising exposure of a biopolymeric array of Claim 32 to a sample and performing a binding assay with said biopolymeric array.
- 34. A method comprising, following exposure of a biopolymeric array of Claim 33 to a sample, reading said biopolymeric array.
- 35. A method comprising forwarding data representing a result of a reading obtained by the method of Claim 34.
- 36. The method according to claim 35, wherein said data is transmitted to a remote location.
- 37. A device for modifying a substrate surface comprising a particulate-comprising fluid contained therein having a pH above the isoelectric point of said substrate, wherein said device is capable of ultrasonically or sonically agitating said particulate-comprising fluid.
- 38. A system for modifying a substrate surface, said system comprising:
- (a) a device capable of ultrasonically or sonically agitating a fluid contained therein; and
- (b) a particulate-comprising fluid for use with said apparatus having a pH above the isoelectric point of said substrate.
- 39. A kit comprising:
 - (a) fluidic medium;
 - (b) particulates for use with said fluidic medium; and
- (c) instructions to combine said fluidic medium and said particulates to produce a particulate-comprising fluid for use in the method of Claim 1.